MODEL 66200B

2 TON SUPER LOW PROFILE FLOOR JACK

USER'S MANUAL

*This hydraulic jack conforms to all "ANSI / ASME" safety standards.

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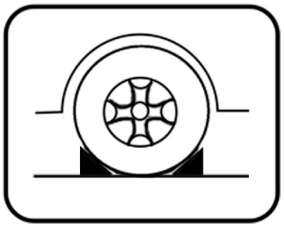
FOR YOUR SAFETY

- The vehicle to be lifted should never exceed the rated capacity of the jack.
- The jack should be supported on a solid and level surface, which is well illuminated and free of obstructions. Never use the jack in a surface at which it may sink into the ground.
- Ensure that there are no persons inside the vehicle to be lifted. Switch off the engine and apply the brake. Ensure the vehicle to be lifted against any type of sliding.
- Do not enter the vehicle or start the engine while it is supported on the jack or appropriate stands. The jack is a lifting device only and should never be used to move the vehicle.
- Position the jack under the manufacturer's recommended lifting point for the vehicle and ensure that it is not corroded, dirty or greasy. This point should remain centered over the jack saddle. All off-centered loads can slip and accidents may result.
- During raising and lowering of the load, all precautions should be taken to avoid movement of the vehicle load. Traffic may cause the raised vehicle to rock during roadside use of the jack.
- The jack should be positioned so as to avoid the need of the user to introduce any part of his/her body underneath the vehicle. Never work under a raised vehicle without previously supporting it with mechanical/jack stands.
- Never position any part of your body near the movable parts of the jack.
- It is necessary for the operator to be able to observe the lifting process and the load's movements. In the presence of dangerous conditions, such as movement of the vehicle etc, the lifting process must be interrupted.
- Ensure that there are no persons or obstructions underneath the vehicle prior to lowering.
- As an additional safety measure against overload, if the jack will not lift a load that is higher than the rated capacity. A bypass valve set at the factory and which should not be adjusted under any circumstances.



Use wheel chocks appropriately.

SPECIFICATION

Capacity:	2 ton	Saddle Diameter :	4 in
Min Height :	2-3/4 in	Strokes to Max Height:	8
Max Height :	24 in	Net Weight :	94.25 lbs
Dimension:	32-1/2 in (L) x 14-1/2 in (W)		

OPERATING INSTRUCTION

1. Prior to operating the jack, remove any accumulated air from the system as follows

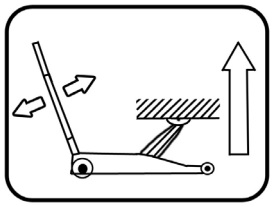
(1) Insert the handle into the socket and secure it with the screw provided
(2) Pull the handle and turn it clockwise and whilst held in this position, pump the jack several times to ensure internal lubrication and bleed the accumulated air from the system.

2 Release the handle and it will automatically return back to the initial position. The jack is now ready to be used.

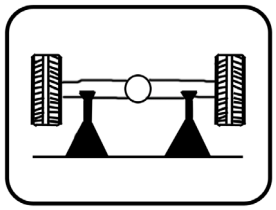
Important: prior to lifting the load, ensure that all of the safety instructions are followed.

3. The wheel of the jacks should always be rotated freely.
4. The jacks are fitted with a foot pedal that gives a faster approach to the load.

To Lift a Vehicle:

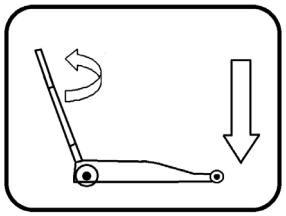


Turn the handle clockwise.
Move the handle up and down. Use the full stroke of the piston for greater speed.



Support the vehicle with appropriate jack stands.

To Lower a vehicle:

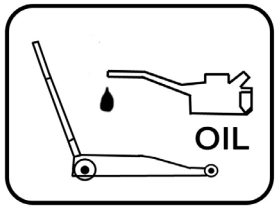


Lift the vehicle to remove the jack stands, ensuring that there are no persons or obstructions under the vehicle. Turn the handle counter-clockwise.

5. The jacks are fitted with 2 safety device that offers smooth and uniform lowering.
6. Once the vehicle had been lowered, release the handle and it will automatically return back to the initial position

MAINTENANCE

Important: Both the maintenance and repair of the jack may only be performed by qualified persons, who have sufficient knowledge of the hydraulic system used in these jacks



Regularly lubricate the moving parts in the wheels, arms, handle and pump roller pin.

1. Only original spare parts should be used.

2. Prior to each user, check for bent, broken, cracked or loose parts and solve the problem, if appropriate. If the jack has been subjected to abnormal loads or has suffered any drops, remove it from service until the problem has been rectified.

3. If the oil level needs to be checked or refilled, with the piston fully retracted, remove the filler plug and drain its contents into a container. The parts table shows the volume of oil required. Make sure that no dirt enters with the new oil.
   Following a period of prolonged intensive use, it is recommendable to change the oil in order to extend the useful life of jack.

Important: an excess of oil may render the jack inoperative.

4. Only use hydraulic oil, type HL or HM with an ISO grade of viscosity of 30 cST at 40 degree, or an Engler viscosity of 3 at 50 degrees.

Extremely important: never use brake fluid.

5. When the jack is not in use, make sure the lifting arm is fully retracted to avoid corrosion.

6. Keep the jack in a clean, dry place and out of children’s reach.

7. At the end of the useful life of the jack, drain off the oil and hand it over to an authorized agent and dispose of the jack in accordance with local regulations.

8. Both the repair kit, which exclusively contains the o-rings and seals of the jack, and the spare parts sets must be ordered using the part number assigned in the table.

PREVENTIVE MAINTENANCE

Important: The greatest single cause of failure in hydraulic units is dirt. Keep the service jack clean and well lubricated to prevent foreign objects from entering the system. If the jack has been exposed to rain, snow, sand or grit, it must be cleaned before use.

1. Store the jack in a well-protected area where it will not be exposed to corrosive vapors, abrasive dust, or any other harmful elements.
2. Regularly lubricate the moving parts in the wheels, arms, handle and pump roller pin.
3. Replace the hydraulic fluid in the reservoir at least once per year. To check the hydraulic fluid level, lower the lifting arm completely. Remove the rubber filler plug from the power unit. The hydraulic fluid level should be just below the filler plug. If necessary, add hydraulic fluid, and reinstall the rubber filler plug.

Important: The use of alcohol in hydraulic brake fluid could damage the seals and result in jack failure.

4. Inspect the jack before each use. Take corrective action if any of the following problems are found:

a. Cracked, damaged, other damage.

b.Excessive wear, bending, other damage

c. Leaking hydraulic fluid

d. Scored, damaged piston rod

e. Loose hardware

f. Modified equipment

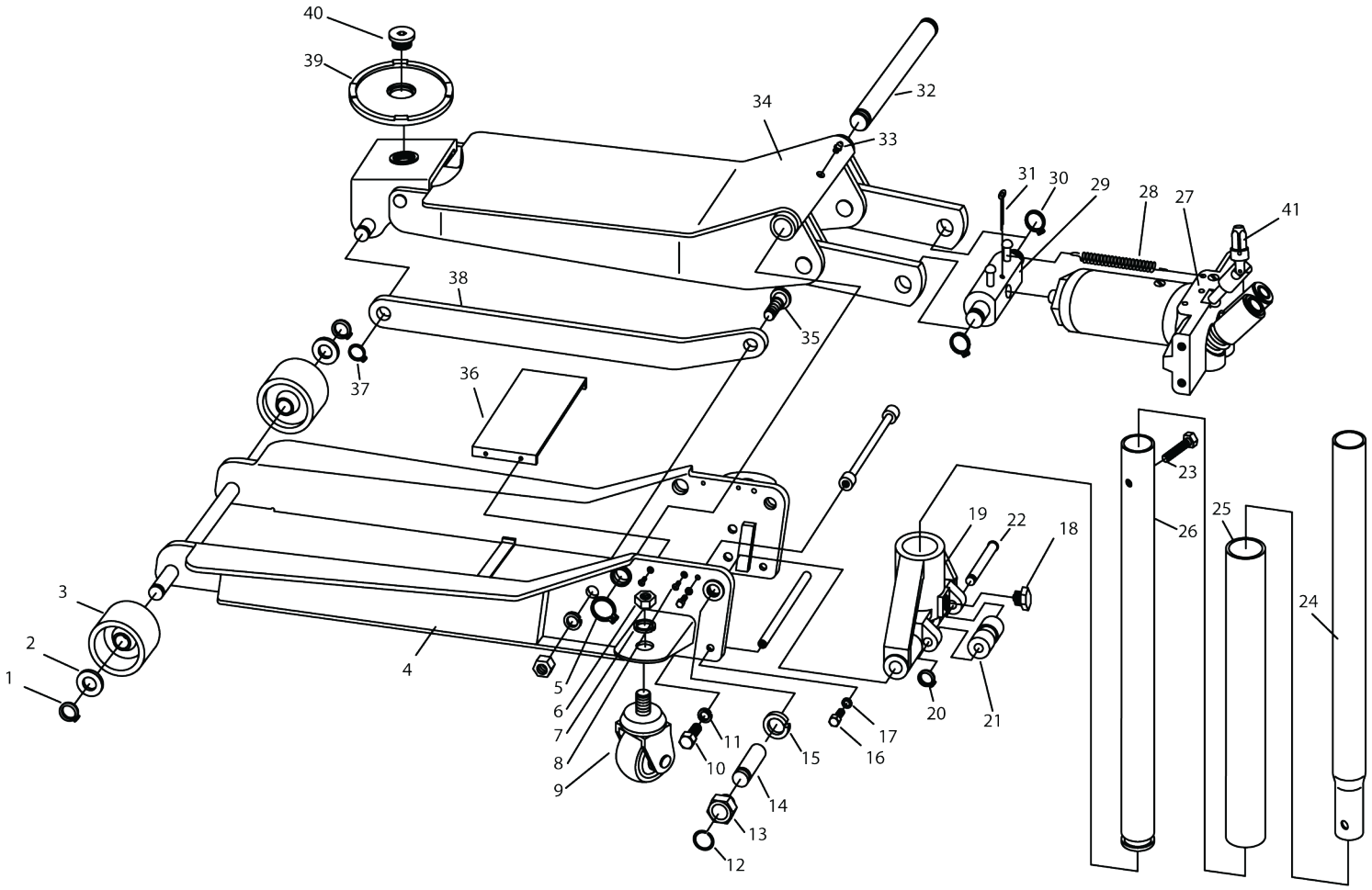
5.Keep warning labels and instructional decals clean and readable. You may use a mild soap solution to wash external surfaces of the jack.

TROUBLESHOOTING

Caution: To prevent personal injury, all inspection, maintenance, and repair procedures must be performed when the jack is free of load.

Trouble	Cause	Solution
Jack does not lift	1. Release valve is open	1.Verify the release valve is closed by position of handle. Releasing valve may need cleaning.
	2.Low/no hydraulic fluid in reservoir	2.Fill with approved hydraulic fluid and bleed system
	3. Air-locked system	3.Bleed system
	4.Load is above capacity of jack.	4.Use correct equipment
	5.Delivery valve and/or bypass valve not working correctly.	5.Clean to remove dirt or foreign matter. Replace hydraulic fluid.
	6. Packing worn our or defective	6. Replace packing
Jack lifts only partially	1.Too much or not enough hydraulic fluid	1. Check hydraulic fluid level
Jack advance slowly	1.Pump not working correctly	1.Rework pump
	2.Leaking seals	2.Replace seal
Jack lifts load, but doesn't hold	1.Cylinder packing is leaking	1.Replace packing
	2.Valve not working correctly(suction, delivery, release, or bypass)	2. Inspect valves. Replace if necessary
	3. Air-locked system	3. Bleed system
Jack leaks hydraulic fluid	1.Worn or damaged seals	1.Replace seals
Jack will not retract	1. Release valve is closed	1. Open the release valve by pulling on and turning the handle clockwise (CW). Maybe necessary to clean release valve.
Jack retracts slowly	1.Cylinder damaged internally	1.Send jack to authorized service center
	2.Return spring is damaged	2.Replace return spring
	3.Link section is binding	3. Lubricate link sections

PARTS LIST



Part No.	Description	Q'ty	Part No.	Description	Q'ty
1	Retaining Ring (20)	2	22	Roller Shaft	1
2	Washer(20)	2	23	Screw	1
3	Front Wheel	2	24	Handle lever “A ”	1
4	Frame	1	25	Handle Bumper	1
5	Retaining Ring(25)	2	26	Handle lever “A ”	1
6	Nut(M16)	4	27	Hydraulic Unit	1
7	Washer(16)	4	28	Spring	2
8	Screw(M5X12)	4	29	Hydraulic Unit Adaptor	1
9	Rear Caster	2	30	Retaining Ring(22)	2
10	Screw(M10X25)	4	31	Pin(A4X55)	1
11	Washer(10)	4	32	Lift Arm Shaft	1
12	Retaining Ring(15)	2	33	Zerk	1
13	Nut	2	34	Lift Arm	1
14	Shaft	2	35	Bolt	2
15	Washer(20)	2	36	Cover Plate	1
16	Nut(M8X20)	4	37	Retaining Ring(14)	2
17	Washer(8)	5	38	Radius Linkage	2
18	Set Screw Handle	1	39	Saddle	1
19	Handle Socket	1	40	Saddle Screw	1
20	Retaining Ring(12)	1	41	Universal rotating device	1
21	Roller	1	-	--	-

LIMITED ONE YEAR WARRANTY

Jackco Transnational Inc. warrants all Jackco equipment and tools to the original purchaser against any manufacturing defect in material or workmanship for a period of one (1) year from the original date of purchase. If the defective equipment or tool is determined to be covered under this warranty, it shall be repaired or replaced at manufacturer's discretion without charge, provided that the equipment or tool must be returned with proof of purchase to the dealer and freight prepaid, if returned to the manufacturer. This warranty shall not apply to damage due to accident, negligent use, and lack of maintenance, abuse or applications other than the specific function the equipment or tool is designed for.

No other warranties, expressed or implied, including those of merchantability or fitness for particular purpose shall be applicable to Jackco except as specifically stated herein. In no event shall Jackco be liable to any party for any special, direct, indirect, consequential, punitive damage of any nature caused by the sale or use of the equipment or tool.

Note: This warranty gives the original purchaser specific legal rights which may very from state to state.

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